

Doane Lake Area Projects
EPA and DEQ, ¼-LY Status Meeting
September XX, 2009

ARKEMA – Site Status

Source Control

Groundwater

Lots 3 and 4 Current Status- Barrier wall and groundwater extractions system – Pre-design investigation work (pump test, barrier wall alignment investigation).

Lots 3 and 4 Long-term Plan-

- Complete and operate groundwater containment/treatments systems
- Evaluate source treatment options in upland FS
- Treat/remove upland sources as determined in upland remedy

Lots 1, 2 and 3 Current Status – Waiting on revised RPAC SCE and Arkema uplands FS data gaps data to support SCD and feed source control alternatives analysis.

Lots 1, 2 and 3 – Long-term Plan - TBD

Stormwater

Status- Source Control Design and Implementation Work Plan are in development. The concept is to abandon existing stormwater collection and discharge system. Construct a new (interim) collection system that routes site stormwater to a containment basin. Stormwater will be then discharged to river via a treatment system.

Long-term Plan- Remove/treat upland hot spot soils and cap site. Construct new stormwater system on clean cap surface.

River Bank

Status- Development of riverbank remedial alternatives for river bank alternatives analysis (due second week of September 2009).

Long-term Plan- DEQ (in consultation with EPA/Partners)

- 1) Select riverbank source control measures
- 2) Determine sequencing and lead agencies for riverbank work.

Remedial Investigation/Feasibility Study Status

Remedial Investigation

Status- complete

Feasibility Study

Status

- Complete RI Review of Revised Upland Eco Risk Assessment (carry over from RI)
- Update Hot Spot Evaluation (pending acceptance of Eco Risk Assessment)
- FS Data Gaps Work Plan
 - CSM verification – in progress

- Pump test – in progress
- Site-wide groundwater sampling – samples at lab

Long-term Site Remediation

DEQ is focusing remediation efforts on implementing source control

- Cutting off groundwater plumes on Lots 3 and 4
- Determining groundwater source control measures for the lower level groundwater impacts on Lots 1, 2 and the portion of Lot 3 outside of the planned barrier wall.
- Implementing an interim stormwater collection and treatment system.
- Selecting a riverbank source control strategy that is anticipated to be consistent with final upland and in-water remedies.

Final Upland Remedy is expected to treat/remove upland hot spots (i.e., high concentration spots for upland receptors and highly mobile spots that are sources of groundwater plumes and treat groundwater plumes) and cap the site.